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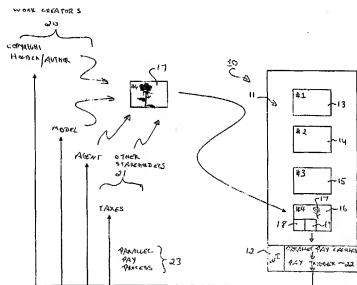
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(54) Title: MICROLICENSING SYSTEM AND METHOD



(57) Abstract: A microlicensing system comprising: (a) a searchable database of licensable data elements; (b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user; (c) means for setting terms and conditions for use of said individual one of said data elements so as to define an identifiable transaction; (d) means for transmission of said individual one of said data elements to a user device; said user device enabling usage of said individual one of said data elements.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

- 1 -

MICROLICENSING SYSTEM AND METHOD

The present invention relates to a microlicensing system and method and, more particularly, to such a system and method adapted, although not exclusively, for the dissemination of copyright-protected works such as pictures and moving pictures with or without associated audio content.

BACKGROUND

Licensing, particularly involving copyright works has, previously, involved a convoluted and time-delayed arrangement for distributing payments consequential to the creation and/or use of works, whether by way of royalties, licence fees or otherwise.

Furthermore, due to perceived difficulties in being able to meter accurately the usage of works, there are various bulk payment schemes in operation which rely on an estimate (sometimes an extremely coarse estimate) of use of the work. Such arrangements may not be considered fair to all parties.

It is an object of the present invention to address or ameliorate one or more of the above-mentioned disadvantages.

BRIEF DESCRIPTION OF INVENTION

Accordingly, in one broad form of the invention there is provided a microlicensing system comprising:

- 2 -

- (a) a searchable database of licensable data elements;
- (b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user;
- 5 (c) means for setting terms and conditions for use of said individual one of said data elements so as to define an identifiable transaction;
- (d) means for transmission of said individual one of said data elements to a user device; said user
- 10 device enabling usage of said individual one of said data elements.

Preferably said data element includes a licensable component comprising an image component.

Preferably said data element includes associated primary

15 data.

Preferably said data element includes associated transaction-specific data.

Preferably said primary data includes author identity, model identity and agent identity information.

20 Preferably said associated transaction-specific data includes license terms, license constraints and financial data.

Preferably said system further includes a pay trigger.

- 3 -

Preferably said pay trigger causes calculation of payments at substantially the same time for all stakeholders identified by said system as party to said identifiable transaction.

- 5 Preferably said searchable database incorporates a microprocessor and memory.

Preferably said system further includes an encapsulation device for encoding of at least portions of said desired one of said data elements.

- 10 Preferably said system further includes decoding software.

Preferably said decoding software is implemented as a shell program.

- 15 Preferably said search and select means incorporates a dynamic tagging means.

Preferably said dynamic tagging means comprises a dynamic tagging device.

Preferably said dynamic tagging device logs customer data including customer route data.

- 20 Preferably said payment to stakeholders and the identity of stakeholders is a function of said payment route data.

Preferably said search and select means incorporates dynamic filter means.

- 4 -

Preferably said dynamic filter means permits browsing of at least the licensable portions of said data elements according to predetermined filter criteria.

Preferably said predetermined filter criteria include
5 one or more of geographic origin of prospective user; area of commercial endeavour in which said prospective user operates.

Preferably said system incorporates a dynamic pay map means by which payments to all of the individual ones of said stakeholders are determined.

10 Preferably said dynamic pay map means determines payments as a function of at least a first variable and a second variable.

Preferably said first variable comprises transaction route and said second variable comprises stakeholder
15 identity.

Preferably said second variable is comprised of a constant grouping and a variable grouping.

Preferably said constant grouping comprises a constant stakeholder grouping.

20 Preferably said variable grouping comprises a variable stakeholder grouping.

Preferably said dynamic pay map means determines payments as a function of at least a first variable and a second variable.

- 5 -

Preferably said variables are dynamically allocated by one or more of said dynamic tagging device and said dynamic filter device.

In a further broad form of the invention there is
5 provided a method of microlicensing works for the benefit of all of the individual ones of a plurality of stakeholders; said method comprising utilising a microlicensing system comprising:

- (a) a searchable database of licensable data elements;
- 10 (b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user;
- (c) means for setting terms and conditions for use of said individual one of said data elements so as to
15 define an identifiable transaction;
- (d) means for transmission of said individual one of said data elements to a user device; said user device enabling usage of said individual one of said data elements.

20 In yet a further broad form of the invention there is provided a method of calculation of payments to stakeholders; said method comprising calculating according to a pay map the return due to all of the individual ones of said stakeholders at the one time.

- 6 -

BRIEF DESCRIPTION OF DRAWINGS

Embodiments of the invention will now be described with reference to the accompanying drawings wherein:

Fig. 1 is a block diagram of the creation of a work and
5 its incorporation into a searchable database of licensable data elements according to a first embodiment of the invention;

Fig. 2 is a block diagram of a microlicensing system according to a further embodiment of the invention utilising
10 the database of Fig. 1;

Fig. 3 is a flowchart of usage of the system of Fig. 2;

Fig. 4 is a block diagram of a microlicensing system having enhanced security according to a further embodiment of the invention also utilising the database of Fig. 1;

15 Fig. 5 is a flowchart of usage of the system of Fig. 4;

Fig. 6 is a block diagram of a security system adapted to secure works when used with the system of Fig. 4;

Fig. 7 is a block diagram of a microlicensing system according to a further embodiment of the invention and
20 utilising modifications to the database of Fig. 1;

Fig. 8A is a block diagram of steps in the implementation of the system of Fig. 7 incorporating dynamic tagging;

- 7 -

Fig. 8B is a block diagram of operation of a dynamic filter in association with the system of Fig. 7.

Fig. 9 is a block diagram of details of a pay map utilised in accordance with the embodiment of Fig. 7;

5 Figs. 10 to 22 illustrate an example of an implementation of a searchable database of licensable data elements implementing a microlicensing system according to one or more of the embodiments previously described;

Fig. 23 is a block diagram of a database structure
10 incorporating an internet interface according to a further embodiment of the invention;

Fig. 24 is a block diagram of the data element structure and relevant functional modules for use in conjunction with the system of Fig. 23;

15 Fig. 25 is a diagrammatic representation of a dynamic pay map structure for use in conjunction with the system of Fig. 23;

Fig. 26 is a graphical representation of the inter-relationship between parameters which affect operation of the
20 dynamic pay map of Fig. 25;

Fig. 27 is an intranet image search screen according to a fourth preferred embodiment of the present invention;

Fig. 28 illustrates an intranet search result screen;

Fig. 29 illustrates a catalogue record screen;

- 8 -

Fig. 30 illustrates an Internet search screen;

Fig. 31 illustrates a search results screen via an intranet;

Fig. 32 illustrates an order record screen;

5 Fig. 33 illustrates an order record screen;

Fig. 34 illustrates an order record screen;

Fig. 35 illustrates a further order record screen of the system of Fig. 27;

Fig. 36 illustrates a further intranet order screen;

10 Fig. 37 illustrates a further intranet order screen;

Fig. 38 illustrates an Internet order screen;

Fig. 39 illustrates an Internet media/usage builder screen;

Fig. 40 illustrates an Internet license dynamic price
15 builder screen;

Fig. 41 illustrates an Internet order screen " with license attached;

Fig. 42 illustrates an Internet order confirmation page screen;

20 Fig. 43 illustrates a license terms screen;

Fig. 44 illustrates an order purchase screen with download selection;

Fig. 45 illustrates combined image and license details data;

- 9 -

Fig. 46 illustrates combined image and license data in a fulfilled order;

Fig. 47 illustrates a customer record data;

Fig. 48 illustrates bureau summary data;

5 Fig. 49 illustrates bureau summary data;

Fig. 50 illustrates bureau summary data;

Fig. 51 illustrates bureau summary data in accordance with the fourth embodiment of the present invention;

Fig. 52 illustrates further bureau summary data;

10 Fig. 53 illustrates further bureau summary data;

Fig. 54 illustrates further bureau summary data;

Fig. 55 is a diagrammatic representation of the parallel calculate and pay system according to a fourth embodiment of the present invention.

15 Fig. 56 illustrates a distributed restriction system.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

With reference to Fig. 1 there is illustrated a microlicensing system 10 comprising a searchable database 11 operable in conjunction with microprocessor and memory 12.

20 The searchable database 11 includes, in this instance, first data element 13, second data element 14, third data element 15 and fourth data element 16.

More particularly, in this instance, each data element 13, 14, 15, 16 comprises a licensable component in the form

- 10 -

of a digital image component 17 in conjunction with at least an associated primary data component 18 and, optionally, an associated transaction-specific data component 19.

With further reference to Fig. 1, and by way of example,
5 fourth data element 16 comprises a licensable component in the form of, in this instance, digital image 17 saved in database 11. In this instance, the element 16 also includes an associated primary data component 18 and an associated transaction specific component 19.

10 The image component 17 is a copyright work (that is, a work protectable under Copyright law in many jurisdictions) created by work creators 20 comprising, in this instance, a copyright holder/author, a model (the subject of the work) and an agent. Also associated with image component 17 are
15 other stakeholders 21 comprising, in this instance, collecting agencies including tax collecting agencies.

In this particular implementation of microlicensing system 10 the database 11 is collated, organised and driven by microprocessor and memory 12. In particular this
20 combination allows a user (not shown) to browse at least the licensable component of the data elements 13, 14, 15, 16 including, in this instance, digital images one or more of which the user may require for a specific application and for a limited period of use.

- 11 -

The user, having selected an image for use (licensing) can then make use of the image in return for payment for the use on agreed terms. Usage according to the agreed terms triggers a liability for payment to the stakeholders in the form of pay trigger 22 which initiates parallel pay process 23 whereby the work creators 20 and the other stakeholders 21 all have calculated together (in parallel) the appropriate payment due to each resulting from the permitted use of the copyright work, in this instance image 17.

10 With particular reference to Figs. 2 and 3 a particular manner of usage of the image component 17 driven and controlled by microlicensing system 10 will be described as a first preferred embodiment.

15 With reference to Figs. 4, 5 and 6 a variation on the usage control driven by microlicensing system 10 and incorporating additional security and control features will be described as a second preferred embodiment.

1. First Preferred Embodiment

20 With particular reference to Fig. 2 and Fig. 3 database 10 can be caused to transmit image 17 of fourth data element 16 as a result of agreed contract terms in the form of associated transaction-specific data 19.

- 12 -

The transmission, in this instance, is of only image component 17 to user device 24 which, in this instance, comprises a computer and printer combination running an image manipulation program 25, in this instance the commercially available package known as PHOTOSHOP. The image 17 can be transmitted over commonly available communication channels by electronic or fibre optic means and can be via the Internet or by means of a direct connection or Intranet connection.

Optionally, although in this instance not required, associated transaction-specific data 19 relating to licensing and usage parameters can be transmitted as part of fourth data element 16 to user device 24.

The user (not shown) may then manipulate image component 17 using manipulation program 25 in accordance with the licensed terms as defined by contract terms 19. At the time of entering into the licence agreement or at the commencement of use or when the license expires or at another predetermined point a pay trigger 22 causes microlicensing system 10 to first calculate at the same time for all of the individual ones of the stakeholders identified for that transaction and then to pay automatically the appropriate royalty or other return due to the stakeholders of image component 17 including, but not limited to, the work creators and other stakeholders 21 as described earlier with

- 13 -

reference to Fig. 1. Fig. 3 illustrates a flowchart of the process of the first embodiment. The steps of the process can also be described as follows:

Step 1A

- 5 - Photograph 17 Supply Account opened
- Photograph is catalogued, barcoded and scanned
- Customer Account opened.

Step 1B

- Customer searches archive or database 10 by one or more
- 10 of subject, keyword, description and intended usage profile.
- Search results can exclude industry, censorship, and photographer, and territory restrictions.

Step 1C

- 15 - Customer requests quote which is built by a group of parameters
 - Media (print run, size, position)
 - Territory
 - Period of Use
 - 20 - Industry of Use
- Customer may request competitive restriction control by industry, territory and time.
- Analogue or digital photographs are delivered.

- 14 -

Step 1D

- Customer uses photo or image portion 17 as per license parameter details and returns original analogue versions.
- 5 - Invoice is processed as per license.
- Receipt is collected (unless credits occur).

Step 1E

- Following receipting the various stakeholders or interested parties including
- 10 - Agents/Distributors
- Affiliates
- Photographers
- Models
- Withholding Tax/GST
- 15 are paid in a parallel pay process 23.

2. Second Preferred Embodiment

With reference to Figs. 4 and 5 a modification to the process of the first embodiment will be described where like
20 components are numbered as for the first embodiment.

In this embodiment a security measure is implemented in the form of encapsulation device 26 which, following the example of the first embodiment, combines image component 17,

- 15 -

associated primary data 18 and associated transaction specific data 19 of fourth data element 16 into an encapsulated image data element 30.

In this embodiment, in place of the
5 (unencoded/unencapsulated image component 17) an encapsulated image data element 30 is transmitted to user device 24.

The user can only manipulate image 17 stored within encapsulated image data element 30 after having first loaded shell program 27 from CD 28.

10 The shell program 27 sets up an environment within which the manipulation program 25 can operate on encapsulated image data element 30 and so as to gain full access to image component 17 contained therein.

On termination of permitted use the shell program 27
15 causes at least image component 17 to become disabled in the form of disabled image/data element 29.

The steps in the operation of the second embodiment are summarised in Fig. 5 and are as follows:

20 Step 2A

- Photograph 17 Supply Account opened
- Photograph is catalogued, barcoded and scanned
- Customer Account opened.

- 16 -

Step 2B

- Customer searches archive or database 10 by one or more of subject, keyword, description and intended usage profile.
- 5 - Search results can exclude industry, censorship, and photographer, and territory restrictions.

Step 2C

- Customer requests quote which is built by a group of parameters
- 10 - Media (print run, size, position)
- Territory
- Period of Use
- Industry of Use
- Customer may request competitive restriction control by
- 15 industry, territory and time.
- Analogue or digital photographs are delivered.

Step 2D

- Customer uses photo or image portion 17 as per license parameter details and returns original analogue
- 20 versions.
- Invoice is processed as per license.
- Receipt is collected (unless credits occur).

- 17 -

Step 2D1

- Once the photo 17 is ready for delivery in digital form the licence parameters in the form of transaction specific data 19 are embedded into the photo in a secure
5 format.
- Once the license is issued the image 17 can be taken out of the secure format until the license expiry. At the expiry date an inbuilt expiry routine destroys the image or otherwise renders it unusable.

10 Step 2E

- Following receipting the various stakeholders or interested parties including
 - Agents/Distributors
 - Affiliates
 - 15 - Photographers
 - Models
 - Withholding Tax/GSTare paid in a parallel pay process 23.

In this example software operated under the control of
20 microprocessor 12 fully automates process steps A-D. The software further enables that in Step E, all interested parties have their entitlement calculated in parallel and are paid substantially instantaneously or in parallel. That is

- 18 -

to say stakeholders are each paid substantially at the same time.

This is a paradigm shift to current industry practice. The identifiable individual customer transaction is directly
5 related back to each and every one of the interested parties (royalty recipients) at the same time rather than sales being accumulated in bulk. The process is then directly and instantaneously connected to interested parties for payment in parallel.

10 The content micro licensing and parallel royalty payment system of this embodiment can be applied to all forms of digital content (e.g. music, text, video, illustrations, artwork, photographs and software) transacted via the Internet whether cable, fibre or wireless.

15

3. Encapsulation System

With particular reference to Fig. 6 an encapsulation system 31 is illustrated in block diagram form which further summarises the manner of operation of encapsulation device 26
20 (described with reference to the second preferred embodiment) and its manner of interaction with shell or shell program 27 (also described with reference to the second preferred embodiment).

- 19 -

3.1 Encapsulation System Key Objectives

The core objectives of the encapsulation system are as follows:

1. Provide a secure encapsulation of a digital image
5 17 (payload) or image in combination with other
data such as fourth data element 16.
2. Enable the encapsulation of the image 17 to be
configured based on dates and time frames so as to
restrict the access to the image beyond a certain
10 period (time bomb) which is related to the license
terms forming part of the associated transaction-
specific data.
3. Enable the encapsulation process to contain details
regarding the information such as Copyright, Image
15 Information etc.
4. Enable the application of choice to edit the image
17 without actually being able to remove the image
from the encapsulation domain.
5. Enable the image 17 to be accessed on a file system
20 by other applications for the purpose of
printing/viewing the image while ever the license
is valid.

- 20 -

6. Automatic corruption of at least the file containing the high resolution image 17 when accessed after the agreed time frame.

5 3.2 Overview of Architecture

The encapsulation device 26 receives image file 17, primary data 18 and transaction-specific data 19 and combines it into a separate file using coding techniques thereby to form encapsulated image data element 30. The data element 30
10 can be unencoded only by user programs operating within the environment of shell 27 as generally illustrated in Fig. 6.

The shell program 27 additionally includes the capability to interpret transaction-specific data so as to regulate the term of use of at least the image component 17
15 of encapsulated image data element 30 and otherwise generally in accordance with licensed or permitted use agreements entered into by the user with the operator of database 11.

3.3 Components in Proposed Concept

20 3.3.1 The Encapsulation Device

The encapsulation device 26 offers the following features:

1. The ability to embed an existing image file
17, 16 structure;

- 21 -

2. The ability to hold expiry related parameters;
3. The ability to hold specific licensing constraints.
- 5 4. The ability to hold specific payload information;
5. The ability to hold specific financial transaction information relevant to the image.

10 **3.3.2 The Shell Application**

The shell or Shell Application 27 offers the following features:

1. The ability to open the data file 17, 16 regardless of embedded payload.
- 15 2. The ability to display licence parameters and associated calculations.
3. The ability to display specific licensing constraints.
4. The ability to display specific payload information.
- 20 5. The ability to edit the payload by the appropriate application without allowing the file to be saved external to the shell domain.

- 22 -

6. Once the application has started and the appropriate data file has been unlocked the application will create an associated "Ghost File" that allows other applications to see and access for the purpose of printing and viewing (but not editing).

3.3.3 Ghost File

The GhostFile is a shortcut, alias or link to the resident image, that allows for applications such as Quark, Pagemaker etc. to link the image to the assembled page. Similarly in a preferred form a GhostFile will be compatible with the current versions of OPI solutions that are available on the Windows NT platform.

15 3.3.4 The ImageSafe Generator Application

The Data File Generator generates a data file. In a preferred form the generator will be a wizard and/or offer an API interface to allow batch generation of many data files.

20 3.4 Image Editing

Fundamental to the successful creation of the mechanism is the ability to allow the editing of an image without being able to remove the image from the shell application. While it is important to enforce the

- 23 -

parameters of the shell application it must also be stated that it is equally important to allow the image to be edited by the application of choice. If the security is too tight and not flexible enough for the target client base the technology will not be adopted and as a result the product may affect market penetration. Applications such as Photoshop or any application that can manipulate the fundamental image formats should still be able to access the image contained within the shell application.

3.5 Key System/Platform Constraints

In this embodiment for the shell to be implemented properly it must conform to the following constraints:

1. Both the Data File Application and Generator will be able to run on Windows 95, Windows NT, Mac OS 7.1 and above.
2. Will be able to store the data file on a Windows NT server
3. Will be able to work with current OPI (Open Pre-Press Interface) solutions that run on Windows NT (Alpha and Intel).

4. Dynamic Tagging of Data

With reference to Fig. 7 the searchable database 11 previously described with reference to Fig. 1 is modified to

- 24 -

form searchable database 111. Like components are otherwise numbered as for the database described with reference to Fig.

1.

In this instance searchable database 111 incorporates
5 dynamic tagging device 112.

The dynamic tagging device 112 receives, logs and takes account of the source of incoming enquiries for the purpose of and so as to modify the identity of the stakeholders for any given transaction subsequently arising from the enquiry
10 and/or to modify the quantum of payment due to the stakeholders again, as a consequence of the identity or, in some cases, the route, by which the enquiry has arrived.

With reference to Fig. 8A a particular transaction in which the dynamic tagging device 112 is invoked can involve
15 an enquiry via the Internet 113 and arrives as a result of an initial enquiry on an affiliate site 114, which site 114 as a result of prior agreement with the owner or operator of searchable database 111, causes the enquiry to be routed to an Internet enquiry screen 115 directly connected to and
20 otherwise operated by the owner/operator of searchable database 111.

In this instance, because the enquiry has resulted from an enquiry initially on the affiliate site 114 the dynamic tagging device 112 will now include the sponsors of the

- 25 -

affiliate site 114 as a stakeholder for the purpose of calculation of remuneration due to stakeholders as a result of any licensing transaction subsequently entered into based on that enquiry. The inclusion of the affiliate site 114 as
5 a stakeholder can have an effect on the quantum of payment to others of the stakeholders and, if so, this will be taken into account by the dynamic tagging device 112.

Fig. 9 illustrates a source record screen 116 for searchable database 111 which includes an "agent territory"
10 record 117, a "branch territory" record 118 and an "uncontrolled credit card" record 119, entries into which depend upon the route by which a transaction has arrived at searchable database 111 and to the mode of payment for a transaction elected, entries into which can affect the
15 identity of stakeholders and the quantum payable to stakeholders.

5. Dynamic Filtering of Data

With reference to Fig. 8B the searchable database 111 includes an available image list 120 comprised, in this
20 instance, of images numbers 1, 2, 3, 4. Each image includes, in this instance, an "excluded territories" field 121 wherein territories for exclusion are identified by capital letter. So, for example, image 1 has an excluded territories field 121 comprising territories A, B, E. The dynamic filter 122

- 26 -

is arranged so as to permit the available image list 120 to be filtered according to a specified criteria. In this instance the filter criterion is according to excluded territories wherein, for example, if an enquiry is identified as originating from territory A then filter 122 will exclude those images which identify territory A as excluded from displayed image list 123.

Thus, in this instance, only image 3 and image 4 are permitted by filter 122 to form displayed image list 123.

It is to be understood that this function is dynamic in that if, for example, territory A is removed from the excluded territories field 121 of image 1 then image 1 will automatically become available immediately for display on displayed image list 123 following a fresh enquiry from a group A territory.

In this way images are made available from database 111 to an enquirer only if they would be available for use by the enquirer.

Example 1

With reference to Figs. 10 to 22 an exemplary transaction will now be described with particular reference to screens and other communication media by which an exemplary transaction 210 can be transacted.

- 27 -

Fig. 10 illustrates a content/photographer source screen 211.

Fig. 11 illustrates a cataloguing of content screen 212.

Fig. 12 illustrates a photographic source screen 213
5 which provides details of the source of a given work for
placement on the database.

The source screen 213 additionally includes restrictions
on the use of the photographic work, in this case relating to
censorship rating and model release. These restrictions are
10 monitored dynamically by the restriction builder (338 in Fig.
23) for incorporation into the dynamic tagging device and
dynamic display filter.

Fig. 13 illustrates a further example of a photographic
source screen 213 and including a restriction listing 214
15 providing an example of data which can be associated with a
work, either as associated primary data or as associated
transaction specific data.

Fig. 14 illustrates a customer screen 215 setting out
the nature of data typically held in respect of any given
20 customer or prospective customer.

Fig. 15 illustrates an example of an "opening order
screen" 216 illustrating the nature of data taken in respect
of a client for storage on the database related to an order.

- 28 -

Fig. 16 illustrates typical database content comprising a selection of images 217 submitted to a user, each comprising a microlicensable work.

Fig. 17 illustrates an example of a media price builder 5 218 relating to a newspaper, data from which feeds into the pay map 124 (refer Fig. 9).

Fig. 18 is a further example of a media price builder 218, in this instance related to a brochure. Again, data devised from this screen is utilised to formulate pay map 124 10 as part of determining the licence terms for this transaction.

Fig. 19 is a print out of a licensed works listing 219. Each of the entries numbers 1 to 31 comprises details of a specific licensed or licensable work and providing examples 15 of transaction specific data in respect of each licensed work, in this instance comprising media, usage parameters and price.

Fig. 20 illustrates a restriction and usage parameters screen 220, in this instance listing restrictions in relation 20 to geographic location (by country) and restrictions in relation to nature of applicable industry.

Fig. 21 illustrates an example of an invoice 221 (which can subsequently be conveyed via paper media or via electronic media) to a client. Payment of the invoice is a

- 29 -

condition for subsequent trigger of the pay trigger 22 and the parallel pay process 23 previously described.

Fig. 22 is a continuation of the invoice 221 of Fig. 21.

6. Third Preferred Embodiment

5 With reference to Figs. 23 to 26 inclusive a further embodiment of the invention with particular application to a wide area network or internet implementation will be described.

In this third embodiment the microlicensing system 310
10 includes components numbered as for the previous embodiments, but numbered in the 300 series. So, for example, the searchable database 11 of the first embodiment becomes searchable database 311 of the third embodiment.

Initially, with reference to Fig. 23, the microlicensing
15 system 310 when accessed via a personal computer or other visual interface will present a welcome screen 331 which will provide to the prospective user 332 an introduction to the microlicensing system site and ensure that necessary precursor information 333 is communicated to user 332 prior
20 to gaining access to or otherwise making commercial use of the microlicensing system 310. Such precursor information can include copyright information, copyright warnings and contractual matters by which the legal relationship between

- 30 -

the (prospective) user 332 and the owner/operator of the microlicensing system 310 is defined and agreed.

Having negotiated the welcome screen 331 and prior to gaining access to the microlicensing database screens 334
5 some initial user data is processed through a pre-filter screen 335. The data obtained via the pre-filter screen 335 includes data relevant to dynamic filter 336 (corresponds with dynamic filter 122 of the earlier described modifications to the first and second embodiments). It can
10 also include information relevant to the dynamic tagging device 337 (designated 112 in the description relevant to the earlier embodiments).

By way of example pre-filter screen 335 and the computer on which it runs can determine either indirectly, in some
15 instances, or otherwise by direct enquiry of user 332 the geographic location of the user and the route by which the user 332 was directed to welcome screen 331. At its simplest level this information can be used by dynamic tagging device 337 to determine whether additional parties should be
20 included in the list of stakeholders (should a transaction with user 332 subsequently ensue) and can also be utilised by dynamic display filter 336 to screen out from viewing by user 332 data elements which, with reference to the associated prior data component of those data elements, it has been

- 31 -

determined are not to be made available to the geographic location of user 332.

Having negotiated the pre-filter screen 335 the user 332 is then permitted access to the database screens 334 at which
5 point the user 332 can browse at least the licensable components of the data elements 316 according to keyword, subject matter category or otherwise.

In this embodiment the information derived through the pre-filter screen 335 is passed through the restriction
10 builder 338. The restriction builder 338 maintains a database of criteria by which the use of the licensable components have been limited including, for example, by geographic area, by industry of application, by period of time.

15 Utilisation of the pre-filter screen 335 in conjunction with the dynamic display filter 336 and dynamic tagging device 337 ensures that a user 332 is provided for review only with those licensable components which are available to that user for licensing.

20 With reference to Fig. 24 some of the main components of system 310 and searchable database 311 are illustrated in diagrammatic form.

A functioning database will comprise of a significant plurality of data elements 316. Each data element 316 will

- 32 -

include a licensable component comprising, in this instance, a unique image 317.

Forming part of the record for each data element 316 will be an associated primary data component 318 which
5 comprises data relevant and pertinent to the unique image 317 of that particular data element. Typically data which falls into this category will include search keywords and subject matter categorisation specifically and directly relevant to the specific licensable component, in this instance an image
10 317. The data will also include the author of the image, the model who was the subject of the image (where relevant) and perhaps the agent responsible for organising the creation of the work.

Such data will also include usage exclusions arising
15 from the author, model or agent.

The data will also include other relevant stake holder information which is directly relevant to that particular image and is unlikely to change whilst the image resides on the database 311.

20 Also and separately included in the data record for each data element 316 is an associated transaction specific data component 319. Each associated transaction-specific data component will be unique to each data element 316 and also unique to each specific commercial transaction which the

- 33 -

licensable component of the data element 316 is the subject of. Hence, in typical use, there will be associated with data element 316 a plurality of associated transaction-specific data components 319 comprising components 319(1),
5 319(2), ... 319(i), 319(i+1) ... 319 (i+n).

Included in each of these records will be data which is specific and unique to each commercial transaction of which the image comprising the licensable component is made the subject. Examples of such transaction-specific data can
10 include additional stakeholders which have become stakeholders only as a result of the nature of the route by which the transaction has been entered. Elsewhere in this specification such stakeholders are referred to as "variable stakeholders". A variable stakeholder can arise where, for
15 example, a transaction is entered into via a third part route 339 (refer to Fig. 23) and the party associated with that third party route requires payment for its inclusion in the route by which the user 332 became a party to a transaction regarding the specific licensable component.

20 Transaction-specific data will also include financial data relevant to the commercial details unique to that transaction.

Important functional modules of microlicensing system
310 which work with and upon the data elements 316 include

- 34 -

restriction builder 338, internet interface pre-filter screen 335, dynamic tagging device 337, dynamic display filter 336, dynamic pay map 340 and pay trigger 322, all of which are illustrated in block form in Fig. 24.

5 All of these modules interact with data elements 316 and also with dynamic pay map 340 and pay trigger 322 as will now be described.

With reference to Fig. 25 dynamic pay map 340, in a two dimensional representation, and which corresponds to a specific transaction, in this instance provides stakeholder pay values 341 which are a function of at least two variables. In this instance the at least two variables comprise a first variable comprising stakeholder identity 342 and a second variable comprising transaction route 343.

15 The multi-dimensional nature of the function by which the dynamic pay map 340 is further illustrated with reference to Fig. 26. It is seen more clearly from the three dimensional graph where the X axis identifies the transaction routes by which a particular license is arrived at; the Y axis provides the identity of all possible stakeholders; the Z axis denotes the various pay maps according to specific stakeholder grouping and where the various stakeholder groupings comprise defined selections from the group of all possible stakeholders as enumerated against the Y axis. The

- 35 -

end result is that, in this example, there are, in effect, a plurality of pay maps, each defining a different pay regime selected, in this instance, from regime 1, regime 2 or regime 3 through to regime N, the regime selected being a function
5 of transaction route and stakeholder grouping.

Once a specific regime is determined by reference to this function the selected pay map is made available to pay trigger 322 as the pay regime to be used to calculate the pay amounts for each and every stakeholder of the selected
10 grouping 344.

This arrangement allows each and every one of the stakeholders to have their entitlement arising from the specific transaction and according to the pay map, to be calculated at the same time.

15 It may be, in this embodiment, that having calculated the amounts due to each and every stakeholder that physical payment may itself be delayed for reasons such as, for example, the desire of a given stakeholder to receive all payments lumped together over a predetermined time span which
20 may well cover a plurality of transactions in which that stakeholder is entitled to payment. Nonetheless, the calculation as to entitlement for that specific stakeholder will be done at the same time as the calculation for all other stakeholders for any given transaction.

- 36 -

The above described embodiments have been exemplified by reference to data elements in the form of digital images.

Other data elements of a wide variety can be made the subject of the microlicensing system 10.

5 In particular the system can be applied to the regulation of other copyright works such as moving images (films) with or without accompanying audio and the like, particularly when reduced to a digital form.

10 7. Fourth Preferred Embodiment

With reference to Figs. 27 onwards there is described a fourth preferred embodiment of the present invention which, in use, and from the point of view of a user operating either a local intranet terminal or a remote internet connected
15 terminal interacts with screen presentations in the following manner:

A prospective licensor is first presented with screen 401 which permits the licensor to search on predetermined parameters for licensable material. In this instance the
20 search is for licensable material categorized by the search term "people". In this instance the screen 401 is available on a corporate intranet and, as such, permits access to all licensable materials.

- 37 -

In this instance, as shown in Fig. 28 the intranet search result screen 402 brings up four possible licensable images 403, 404, 405, 406.

As shown in Fig. 29 the user may select one of the
5 images 403, 404, 405, 406 and view catalogue details of that image and related or "similar" images as represented in screen representation 407.

Fig. 30 illustrates an initial search screen 408 which is available to users operating a terminal connected, for
10 example, via the internet to a bureau service offering licensable materials. In this instance the screen 408 represents a filter screen which allows the user to designate some basic expected conditions under which the user would utilize licensable materials. By making the appropriate
15 designations the search will be restricted only to licensable materials which would be available to be licensed to the user under the conditions the user has nominated in the search screen 408.

Screen 409 in Fig. 31 illustrates a typical search
20 result screen 409 showing four available images 410, 411, 412, 413. These images are available for licensing in that their use would not be precluded in accordance with the conditions selected by the prospective user on screen 408.

- 38 -

The user may then "click through" to a series of order records for any one of the available images 410, 411, 412, 413. Typical order records are shown as screen images 414 in Fig. 32 and 415 in Fig. 33.

5 Having settled on an image which the user desires to license the user must then communicate contract details including proposed media usage in screen 416 of Fig. 34, magnitude of media usage and period of usage entered as per screen 417 in Fig. 35 and geographical location of usage as
10 entered via screen 418 in Fig. 36 and as summarized prior to ordering in screen 419 in Fig. 37.

 Having selected and confirmed both the licensable material (image) which a user wishes to license and the terms upon which the media will be used the user may then pay for
15 issue of the license as shown in screen 420 in Fig. 38.

 A similar process can be undertaken via internet communication as illustrated in screens 421 of Fig. 39, 422 of Fig. 40 and 423 of Fig. 41.

 The culmination of the order process whether completed
20 by internet or intranet results in the display of the license terms and conditions via screen 424 in Fig. 42 and the presentation, by way of final confirmation of the transaction, of the entire terms of the license as shown in screen 425 of Fig. 43 to which the prospective licensee must

- 39 -

officially positively select either a "disagree" button 426 of an "agree" button 427.

If the user presses the "agree" button 427 then, as shown in screen 428 of Fig. 44 the licensed media, in this instance image 429 can be downloaded as a high resolution image by clicking on download button 430. At this point the account of the user is debited the agreed license fee and the image is made available electronically (or alternatively by manual methods at the option of the user) and the parallel calculate and parallel pay process is instigated.

At this point the user, having entered into the licensing contract now has available, as shown in Figs. 45, 46 and 47 full details of the license and high resolution image as summarized in record 431 whilst, at the same time, the bureau or other agency operating the microlicensing system and method according to preferred embodiments of the present invention has available a full summary of the transaction as illustrated by records 432, 433, 434, 435, 436, 437, 438 in Figs. 48 through to 54.

Importantly, as part of the record calculation, as illustrated in Fig. 55, the liabilities of the agent to all interested parties are calculated in parallel in accordance with parallel process 439 and are then posted to a payments

- 40 -

database 440 for payment, in preferred forms also in parallel.

It will be observed that the entire process starting with the screen images presented to a prospective licensee in
5 Fig. 27 through to the parallel payment calculation and actual payment process of Fig. 55 can be accomplished electronically and substantially in real time.

In preferred forms the system can be programmed in high level programming languages such as C++ and implemented to
10 run on operating systems such as the "Windows" operating system and interfaces marketed by Microsoft Corporation with the assistance of the program building packages such corporations provide.

15 8. Fifth Preferred Embodiment

With reference to Fig. 56 there is illustrated a distributed real time restriction control system 550 which, in this embodiment, utilizes only the restriction control portions of the system described with reference to previous
20 embodiments.

In this embodiment at least a first bureau or licensing entity 551 is able to communicate with an at least second bureau or licensing entity 552 for the case where the entities have available the same images 553 or other

- 41 -

licensable data. Both entities 551, 552 communicate at least the restrictions placed on any license they issue in respect of image 553 to the other entity as soon as any one entity executes a license in respect of image 553. The restriction
5 data is available on the database of each entity 551, 552 immediately and as if that entity had executed the license thereby to ensure that any enquiries from prospective licensees for image 553 will be aware of restrictions in place on the image 553.

10 In this preferred form submodules of the restriction software of previous embodiments are incorporated in the database software of each entity 551, 552.

The above describes only some embodiments of the present invention and modifications, obvious to those skilled in the
15 art, can be made thereto without departing from the scope and spirit of the present invention.

INDUSTRIAL APPLICABILITY

Embodiments of the above referenced microlicensing system and method can be implemented either in special
20 purpose hardware communicating via telecommunications networks or, alternatively, can be implemented by the programming of server computer systems. In either case prospective licensees of licensable media including but not limited to digital still images, digital video images and
25 combined digital video and audio data can be made available directly over electronic media such as corporate intranets or the worldwide interconnection of computers and servers currently known as the Internet.

- 42 -

CLAIMS

1. A microlicensing system comprising:
 - (a) a searchable database of licensable data elements;
 - (b) search and select means which allows a user to
5 select an individual one of said data elements
according to criteria set by said user;
 - (c) means for setting terms and conditions for use of
said individual one of said data elements so as to
define an identifiable transaction;
 - 10 (d) means for transmission of said individual one of
said data elements to a user device; said user
device enabling usage of said individual one of
said data elements.
2. The system of Claim 1 wherein said data element includes
15 a licensable component comprising an image component.
3. The system of Claim 1 wherein said data element includes
associated primary data.
4. The system of Claim 1 wherein said data element includes
associated transaction-specific data.
- 20 5. The system of Claim 3 wherein said primary data includes
author identity, model identity and agent identity
information.

- 43 -

6. The system of Claim 4 wherein said associated transaction-specific data includes license terms, license constraints and financial data.
7. The system of any previous claim further including a pay trigger.
8. The system of Claim 7 wherein said pay trigger causes calculation of payments at substantially the same time for all stakeholders identified by said system as party to said identifiable transaction.
9. The system of any one of Claims 1 to 8 wherein said searchable database incorporates a microprocessor and memory.
10. The system of any previous claim further including an encapsulation device for encoding of at least portions of said desired one of said data elements.
11. The system of any previous claim further including decoding software.
12. The system of Claim 11 wherein said decoding software is implemented as a shell program.
13. The system of any one of Claims 1 to 12 wherein said search and select means incorporates a dynamic tagging means.
14. The system of Claim 13 wherein said dynamic tagging means comprises a dynamic tagging device.

- 44 -

15. The system of Claim 14 wherein said dynamic tagging device logs customer data including customer route data.
16. The system of Claim 15 wherein payment to stakeholders and the identity of stakeholders is a function of said payment route data.
- 5 17. The system of any one of Claims 1 to 12 wherein said search and select means incorporates dynamic filter means.
18. The system of Claim 17 wherein said dynamic filter means permits browsing of at least the licensable portions of said data elements according to predetermined filter criteria.
- 10 19. The system of Claim 18 wherein said predetermined filter criteria include one or more of geographic origin of prospective user, area of commercial endeavour in which said prospective user operates.
- 15 20. The system of any one of Claims 1 to 19 incorporating a dynamic pay map means by which payments to all of the individual ones of said stakeholders are determined.
- 20 21. The system of Claim 20 wherein said dynamic pay map means determines payments as a function of at least a first variable and a second variable.

- 45 -

22. The system of Claim 21 wherein said first variable comprises transaction route and said second variable comprises stakeholder identity.
23. The system of Claim 22 wherein said second variable is
5 comprised of a constant grouping and a variable grouping.
24. The system of Claim 23 wherein said constant grouping comprises a constant stakeholder grouping.
25. The system of Claim 23 or 24 wherein said variable
10 grouping comprises a variable stakeholder grouping.
26. The system of any one of Claims 20 to 25 wherein said dynamic pay map means determines payments as a function of at least a first variable and a second variable.
27. The system of Claim 26 wherein said variables are
15 dynamically allocated by one or more of said dynamic tagging device and said dynamic filter device.
28. A method of microlicensing works for the benefit of all of the individual ones of a plurality of stakeholders; said method comprising utilising a microlicensing system
20 comprising:
- (a) a searchable database of licensable data elements;
 - (b) search and select means which allows a user to select an individual one of said data elements according to criteria set by said user;

- 46 -

- (c) means for setting terms and conditions for use of said individual one of said data elements so as to define an identifiable transaction;
- (d) means for transmission of said individual one of said data elements to a user device; said user device enabling usage of said individual one of said data elements.
29. The method of Claim 28 wherein said data element includes a licensable component comprising an image component.
30. The method of Claim 28 wherein said data element includes associated primary data.
31. The method of Claim 28 wherein said data element includes associated transaction-specific data.
32. The method of Claim 31 wherein said primary data includes author identity, model identity and agent identity information.
33. The method of Claim 32 wherein said associated transaction-specific data includes license terms, license constraints and financial data.
34. The method of any one of claims 28 to 33 further including a pay trigger.
35. The method of Claim 34 wherein said pay trigger causes calculation of payments at substantially the same time

- 47 -

for all stakeholders identified by said system as party to said identifiable transaction.

36. The method of any one of Claims 28 to 35 wherein said searchable database incorporates a microprocessor and
5 memory.

37. The method of any one of claims 28 to 36 further including an encapsulation device for encoding of at least portions of said desired one of said data elements.

10 38. The method of any one of claims 28 to 37 further including decoding software.

39. The method of Claim 38 wherein said decoding software is implemented as a shell program.

40. The method of any one of Claims 28 to 39 wherein said
15 search and select means incorporates a dynamic tagging means.

41. The method of Claim 40 wherein said dynamic tagging means comprises a dynamic tagging device.

42. The method of Claim 41 wherein said dynamic tagging
20 device logs customer data including customer route data.

43. The method of Claim 42 wherein payment to stakeholders and the identity of stakeholders is a function of said payment route data.

- 48 -

44. The method of any one of Claims 28 to 43 wherein said search and select means incorporates dynamic filter means.
45. The method of Claim 44 wherein said dynamic filter means
5 permits browsing of at least the licensable portions of said data elements according to predetermined filter criteria.
46. The method of Claim 45 wherein said predetermined filter criteria include one or more of geographic origin of
10 prospective user, area of commercial endeavour in which said prospective user operates.
47. The method of any one of Claims 28 to 46 incorporating a dynamic pay map means by which payments to all of the individual ones of said stakeholders are determined.
- 15 48. The method of Claim 47 wherein said dynamic pay map means determines payments as a function of at least a first variable and a second variable.
49. The method of Claim 48 wherein said first variable comprises transaction route and said second variable
20 comprises stakeholder identity.
50. The method of Claim 49 wherein said second variable is comprised of a constant grouping and a variable grouping.

- 49 -

51. The method of Claim 50 wherein said constant grouping comprises a constant stakeholder grouping.
52. The method of Claim 50 or 51 wherein said variable grouping comprises a variable stakeholder grouping.
- 5 53. The method of any one of Claims 48 to 52 wherein said dynamic pay map means determines payments as a function of at least a first variable and a second variable.
54. The method of Claim 53 wherein said variables are dynamically allocated by one or more of said dynamic tagging device and said dynamic filter device.
- 10 55. A method of calculation of payments to stakeholders; said method comprising calculating according to a pay map the return due to all of the individual ones of said stakeholders at the one time.
- 15 56. Storage media containing software operable according to the system of any one of claims 1 to 27.
57. A distributed real-time restriction control system wherein at least a first licencing entity and a second licencing entity can licence substantially identical
- 20 licencable elements into common territory; said system including communication means whereby in the event one of said entities licences one or more of said licencable elements, said communication means automatically

- 50 -

communicates to all others of said entities any
restrictions incorporated in the licence conferred.

1/57

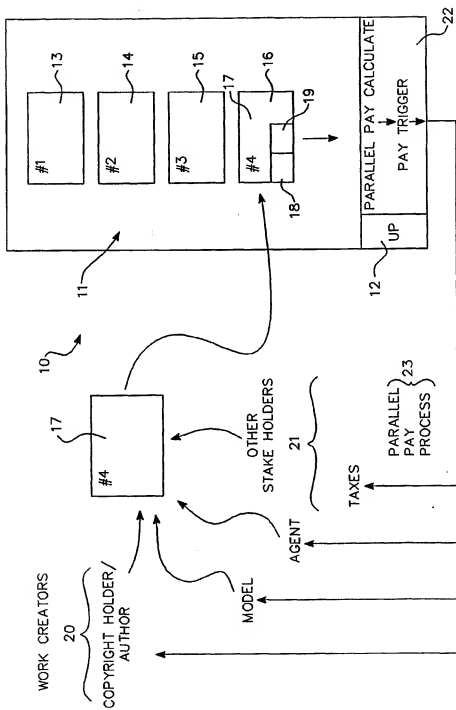


Fig. 1

2/57

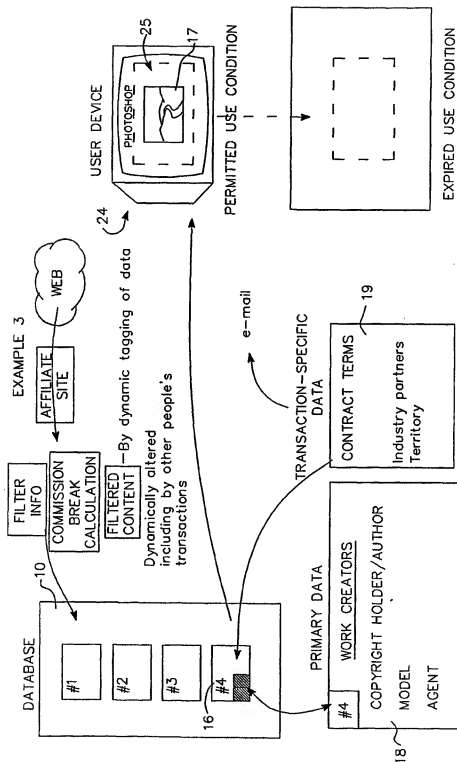


Fig. 2

3/57

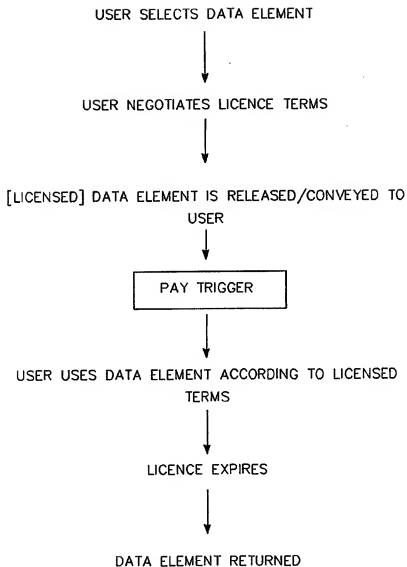
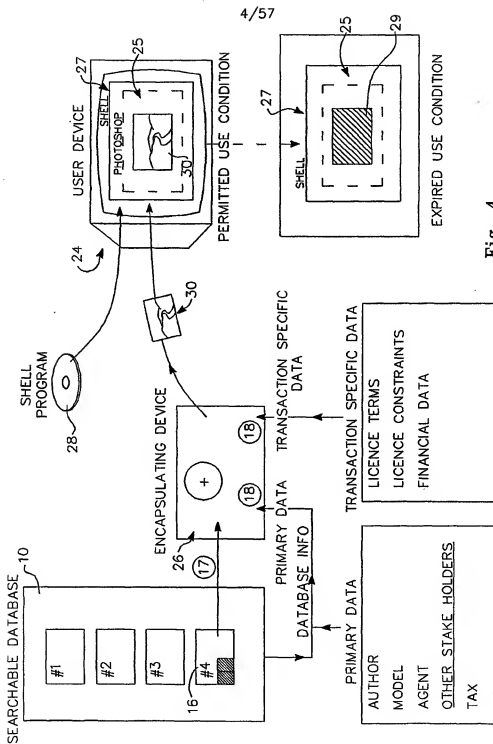


Fig. 3



5/57

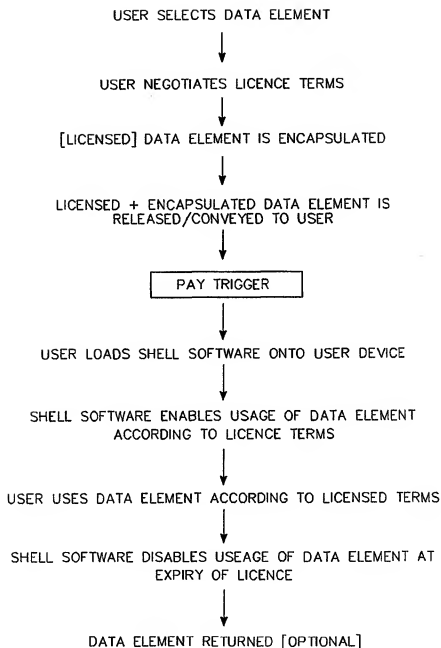


Fig. 5

6/57

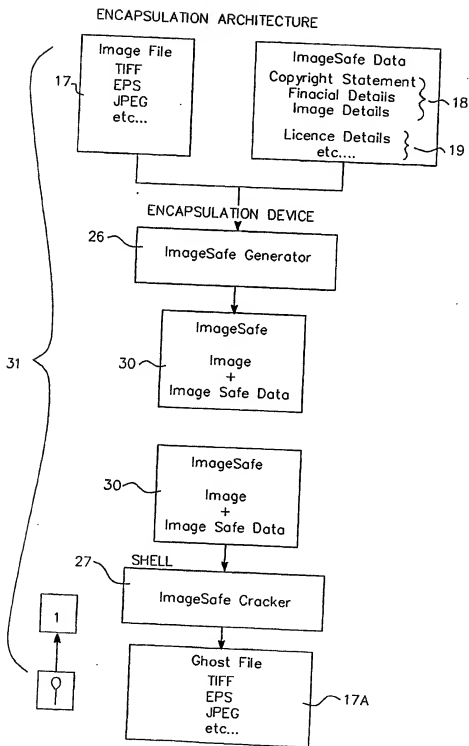


Fig. 6

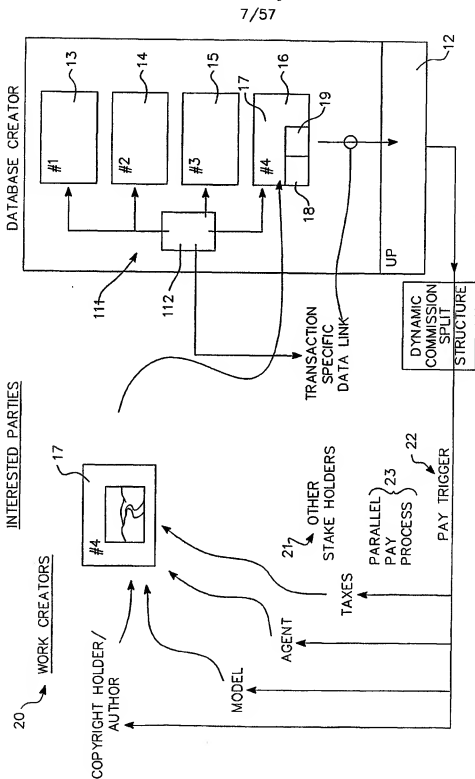


Fig. 7

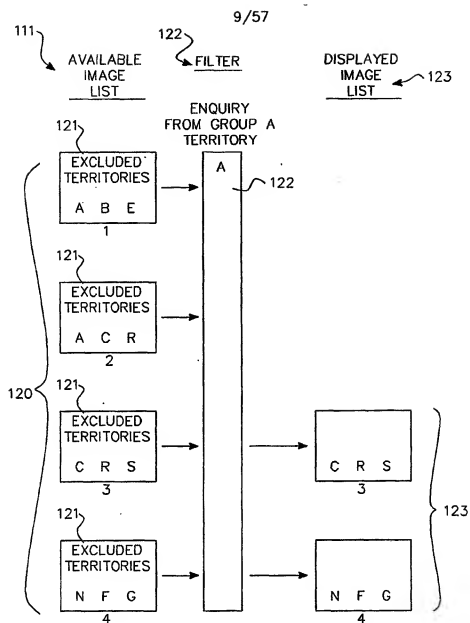


Fig. 8B

Substitute Sheet
(Rule 26) RO/AU

10/57

Photographic Source Record

Source Code (*) Source Name (*) Post/Zip (*)

Street (*) City/Suburb (*) State (*) Country (*)

General Financial Contract Restrictions Photographers Contact Delivery Catalogues Notes

Contract Type (*) Contract Ref (*) Start Date (*) Finish Date (*)

Commissions (Licensed)

Photo Saurc

Branch

Branch Territory

Credit Card % % % %

Account % % % %

Agent Territory

Credit Card % % % %

Uncontrolled

Credit Card % % % %

114 117 119

124

116

Queries

Fig. 9

11/57

Photographic Source

Source Code (*)		Source Name (*)		
Street (*)		City/Suburb (*)	State (*)	Country (*)
				Post/Zip (*)
Company Number	Contract	Restrictions	Photographers	Contact
				Delivery
Phone	Type	Export (Individual)	Status	Notes
E-mail	Facsimile		Active	Date Created
	Web Site			17-Apr-91
-geography of purchase -geography of use -industry of application -media -time period				

211

Content/Photographer Source Screen

Fig. 10

12/57

Photographic Source		Branch		Photographic Source																			
Photo Ref. Number	00000231	Sydney	SCIENCE PHOTO LIBRARY																				
General	Availability	Restrictions	Reservations	No																			
Similar #	Status (*)	Cataloguer	Create Date	04/05/1992																			
001	Active	System Administrator	Advice Date	03/02/1999																			
Photo Source Catalogue	Catalogue Reference	Source X Ref. #	Advice #																				
EARTH		E050/227/NAS																					
Similar Description (*)																							
Global biosphere: distribution of vegetation on land, phytoplankton in sea																							
Similar Keywords (*)																							
Extended Description / References																							
<table border="1"> <tr> <td colspan="2">Subject File Codes</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>SC-0580</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Subject File Codes						SC-0580											
Subject File Codes																							
SC-0580																							
<input type="checkbox"/> Submit for World Wide Review? <input type="checkbox"/> Distinctive Similar																							
<input type="button" value="New Similar"/> <input type="button" value="Create New Series"/>																							

Cataloguing of Content Screens

Fig. 11



13/57

Catalogue		Photographic Source	
Photo Ref. Number	Branch	SCIENCE PHOTO LIBRARY	
SPL	Sydney		
00000231	Restrictions	Reservations	No
	Availability	Create Date	
Photographer Credit (*)	Classification		
GENE FELDMAN/SPL, DR	Licensed		
Sensorship Rating <input type="checkbox"/> Violence <input type="checkbox"/> Sex <input type="checkbox"/> Partial Nudity <input type="checkbox"/> Full Frontal Nudity <input type="checkbox"/> Cigarette Smoking <input type="checkbox"/> Drug Taking <input type="checkbox"/> Animal Cruelty		Model Release (*) <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	
<div style="text-align: right;">213</div> <div style="text-align: right;">Create New Series</div>			

Fig. 12

Catalogue		Photo Ref. Number		Branch		Photographic Source	
SPL		00000231		<input type="button" value="F"/> <input type="button" value="◀"/> <input type="button" value="▶"/>		SCIENCE PHOTO LIBRARY	
Similar		General		Availability		Reservations	
Restriction Type		Industry		Media		Region Inv. From To	
						<div style="display: flex; justify-content: space-between;"> <div>No</div> <div>214</div> </div>	
New Restriction		Create New Series					

15/57

Client Management			
Customer Code SAAT 10494	 	Customer Name SAATCHI & SAATCHI INTERACTIVE	Group Code SAAT
Street Address	City/Suburb	State/Province	Country
Financial	Business	Contact	Delivery
Credit Conditions NORMAL	Trading Status Active	Client Type Prospective	Credit Limit 5000
Financial Terms 30 Days	Company Phone	Company Facsimile	
Company E-mail	Company Website		
History Created:	Last Submission:	Last Invoice:	

215

Customer Screen

Fig. 14

16/57

Client Management		Customer Name		Submission
Customer Code	ACP 1304	Credit Conditions	Customer Street	1
Customer Type	Domestic	PROBLEM CLIENT NOTES		
City/Suburb	Sydney	State Province	Country	Post/Zip
Customer Phone Number		NSW	Australia	2000
		Customer Fax Number	Trading Status	Financial Terms
			Active	30 Days
Book	Contacts	Images	Usage	Rights
			Fees	Notes
			Authorize	Despatch
			Confirm	Expires In
Proposed Use (*)		Submission Status		
XXXXXtest		Active		
Final Customer Name				
XXXXXtest				
Subject Brief (*)				
XXXXXtest				
Media Notes				
XXXXXtest				
Order Number		Job Number	Credited By	GM Created Date
			Ben Spencer	
Authorization not required				
Print				Total 504
				Invoice

Opening Order Screen

216

Fig. 15

17/57

Client Management		Customer Name		Submission
Customer Code	ACP 1304	Credit Conditions	Customer Street	1
Customer Type	Domestic	PROBLEM CLIENT NOTES		
City/Suburb	Sydney	State Province	Country	Post/Zip
Customer Phone Number		NSW	Australia	2000
Customer Fax Number		Trading Status	Financial Terms	
		Active	30 Days	
Details Book Contacts		Usage Rights Fees Notes Authorize Despatch Confirm		Image To
Row	PRN-Sim-Copy	Description	Main Subject File Code	
1.	AGE-00002053-001	Woman sat on bed holding pills & wate, cat lying o	PEOPLE: GENERAL	
2.	BRI-00000052-001	When the Cat's Away the Mice Will Play by Phillip E	ARTWORK: ANIMALS	
3.	RS-00021721-001	Huon Valley landscape, Tasmania	TASMANIA: RIVERS, LAKES & DAM	
4.	TSI-0013860-001-001	Young woman swimming underwater, catamaran in b/g	WOMAN: TROPICAL	
Authorization not required		Total 504		Invoice
Print				

Selection of Images

Fig. 16

18/57

Media Code Selector	
Media Price Builder	
Step 1. Select Media Code	
Step 2. Will image be credited?	<input type="radio"/> Image credited <input checked="" type="radio"/> Image not credited
Step 3. Please select an image size & position	<div>Full page inside</div> <div>Up to 20 000</div> <div>No discount</div> <div>Start <input type="text"/> End <input type="text"/></div>
Step 4. Please select circulation	
Step 5. Reuse discount	
Step 6. Select Media Start/End Dates	
Step 7. Media Markup(+) / Markdown(-) Adjustment	<div>0 %</div> <div>1 <input type="text"/></div>
Step 8. Number of images	
Step 9. Please enter media notes (image codes etc.)	
Step 10. Apply Restrictions	<input type="radio"/> Standard Restrictions <input type="radio"/> Country Restrictions <input type="radio"/> Industry Restrictions <input type="radio"/> Worldwide Rights <input checked="" type="radio"/> None
	Price

218

Example of Media Build eg Newspapers

Fig. 17

19/57

Media Code Selector

Media Price Builder

Step 1. Select Media Code

Marketing/Advertising; Advertising; Print/Outdoor;
Brochure; A5 or DL Brochure;

Step 2. Please select the print run

10 001 - 20 000 ▾

Step 3. Please select an image size & position

1/8 page inside ▾

Step 4. How many times does the image appear?

1 use & 2 3 repeats ▾

Step 5. Reuse discount

No discount ▾

Step 6. Select Media Start/End Dates

Start ▾ End 12/12/2000

Step 7. Media Markup(+) / Markdown(-) Adjustment

.10 %

Step 8. Please enter media notes (image codes etc.)

▾

Step 9. Apply Restrictions

☐ Standard Restrictions ☐ Country Restrictions
☐ Industry Restrictions ☒ Worldwide Rights
☐ None

218

Fig. 18

20/57

Usage Builder					A Summary of Licenses on One Project				
Media	Usage Parameters	Related Notes	% Adj	Price					
1. Directory	Not credited: FP ins: 20k; No reuse disc		-10	18,000.00 (per image)					
2. A4 brochure	10k: 1/4pg ins: 1 use: reuse 10%		-10	18,000.00 (per image)					
3. ATM screen	1/4 screen: 21-50 items: No reuse disc		-10	18,000.00 (per image)					
4. A4 brochure	5k:FP frt cov: 1 use: No reuse disc		-10	18,000.00 (per image)					
5. Desk diary	100k: No reuse disc		-10	18,000.00 (per image)					
6. A4 brochure	40k:FP frt cov: 1 use: No reuse disc		-10	18,000.00 (per image)					
7. Educational CD-ROM	1 image: 20k: No reuse disc		-10	18,000.00 (per image)					
8. Business stationery	Half image sm env: 5k: No reuse disc		-10	18,000.00 (per image)					
9. Magazine	Not created: 1+1/2pg ins: 500k: No reuse disc		-10	18,000.00 (per image)					
10. Internet/www site	1 image: Home page: 1/4 screen: Consumer: 1yr: No reuse disc		-10	18,000.00 (per image)					

Fig. 19

21/57

Client Management

Customer Code ACP 1304	Customer Name	Submission 1
Customer Type Domestic	Credit Conditions PROBLEM CLIENT NOTES	Customer Street
City/Suburb Sydney	State/Province NSW	Country Australia
Customer Phone Number	Customer Fax Number	Post/Zip 2000
Details Back Contacts	Usage Rights Fees Notes Authorize Despatch Confirm	Trading Status Active
Selected Countries of Use	Add Industries	Financial Terms 30 Days
Tree structure in Here	Tree structure in Here	
add del	add del	
Afghanistan: Australia:United States- Eastern	Electric Power Generation, Transmission and Distribution: Newspaper, Magazine Book, and Database Publishers	
Authorization not required	Total 504	220
Print	Invoice	

License terms screen Screens to select - Country, - Industry

Fig. 20

22/57

INVOICE

Attn: The Accounts Department -----	Invoice Number: 55821
Surry Hills NSW 2010	Invoice Date: 17-Mar-2000
Australia	Due Date: 16-Apr-2000
	Customer Code: -----5872
	No. of Pages: 2
	Tax Number:

Submissions

Submission Number: 710969

Contact Name: GAYNA MURPHY

Client Order Nymbe000302:

Final Client: -----

Photo Subject: Catalogue Image Request-Girls face swirls in background

Proposed Use: Book Cover- The -----

Media Notes:

Competitive Restriction Control

The following images within this Submission are restricted to the parameters outlined below:

Australia: New Zealand

Newspaper, Magazine, Book, and Database Publishers

Restriction Period: -

Image Number	Copyright Reproduction Licence for this use only	Reproduction Fee
TSI-0010444-001:10309537	Portrait of woman smiling General book Front cover Up to 5000 10/02/2000-30/06/2000 - Non Exclusive Regions of Use: Australia; New Zealand Industry of Use: Newspaper, Magazine, Book, and Database Publishers	317.00

Total Reproduction Fees: \$317.00

Fig. 21

23/57

<p style="text-align: right;">Total Service Fees: \$30.80</p> <p style="text-align: center;">REPRODUCTION RIGHTS ARE ONLY ASSIGNED ON PAYMENT OF THIS INVOICE</p> <p style="text-align: center;">TERMS NETT: 30 DAYS</p> <p style="text-align: right;">AMOUNT DUE THIS INVOICE: \$347.60</p>	
<p>Please detach and return with payment</p> <p>REMITTANCE AND ADVICE NOTICE</p>	
<p>To: photolibary.com—North Sydney Level 11, 54 Miller St. North Sydney NSW 2060 Australia</p>	
From:	GREEN DOT DESIGN
Invoice Number:	55821
Due Date:	16-Apr-2000
AMOUNT DUE THIS INVOICE:	\$ 347.60

221

Fig. 22

24/57

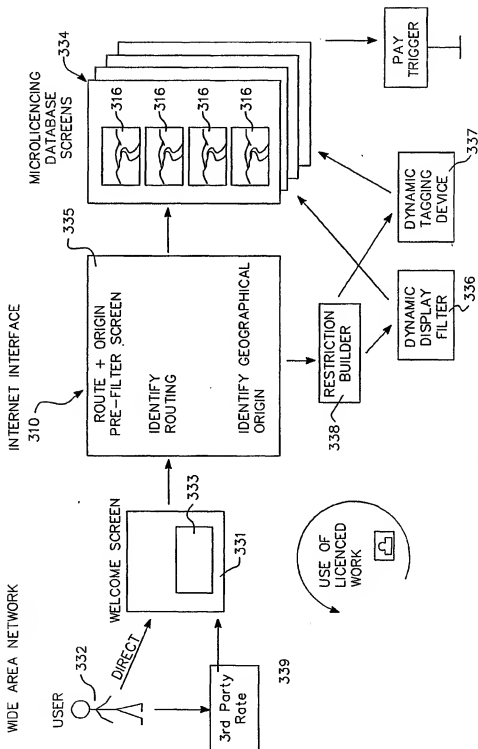


Fig. 23

25/57

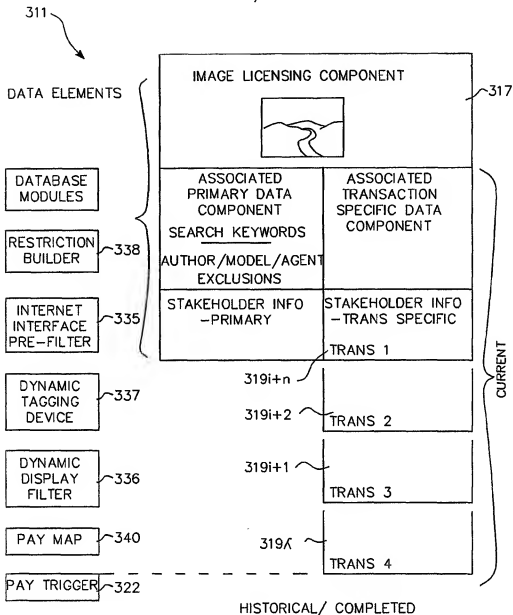


Fig. 24

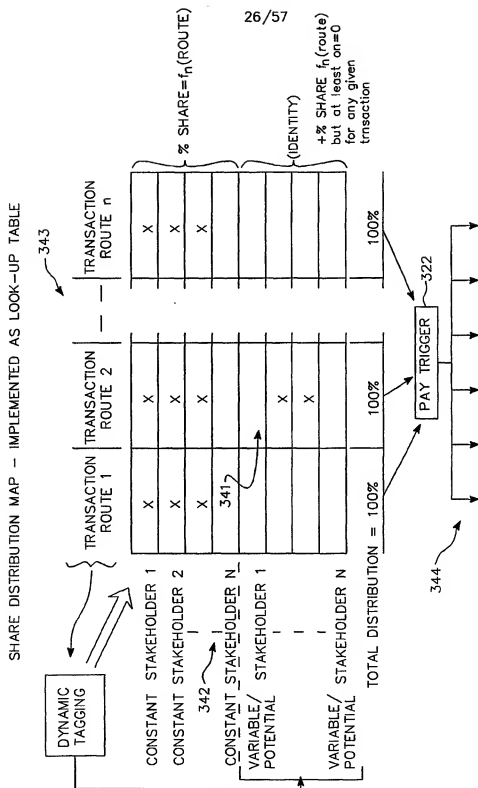
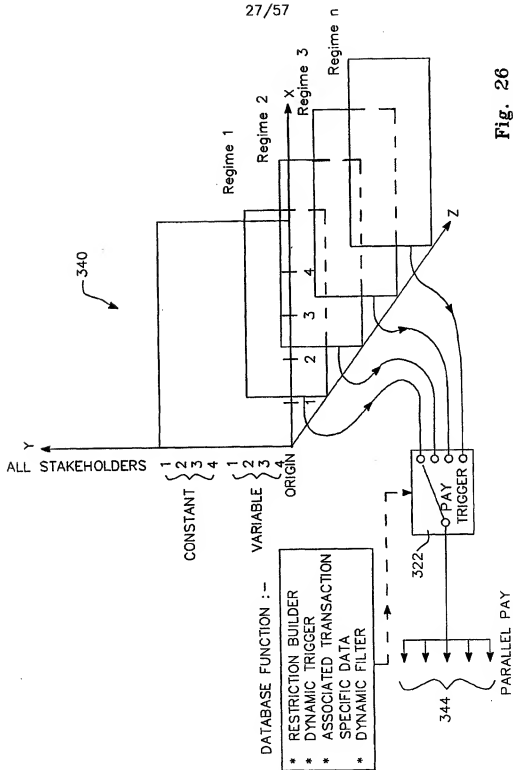


Fig. 25

27/57



28/57

Image Search Facility	
Image Search Parameters	
Filter Options PRN from: <input style="width: 50px;" type="text"/> to: <input style="width: 50px;" type="text"/> (Photo Source Code— Series Number e.g. HUL-1)	
<div style="display: flex; justify-content: space-between;"> <div> Listing Parameters Sort By <input checked="" type="radio"/> PRN Range <input type="radio"/> PRN Range <input type="radio"/> PRN Range </div> <div> Date Range From: <input style="width: 50px;" type="text"/> To: <input style="width: 50px;" type="text"/> Top <input style="width: 30px; text-align: center;" type="text"/> records with <input style="width: 30px; text-align: center;" type="text"/> results per page </div> <div> View <input type="radio"/> PRN Range <input checked="" type="radio"/> PRN Range </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <input type="checkbox"/> Catalogue shots only <input type="checkbox"/> withdrawn shots <input type="checkbox"/> Image in archive </div>	
Select up to 5 Subject File Codes to narrow your search <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> <input style="width: 40px; height: 20px;" type="text"/> </div>	
<input type="button" value="Search Now"/>	

Intranet Image Search Screen

Fig. 27

401

29/57

Image Search Results: 140 Images Found - Page 1		Intranet Search Results	
<p>BAL-00000001-028</p> <p>07-Sep-1993</p> <p>Similar Id: 70167</p> <p>Blond girl in pink/yellow/black two piece standing/holding hair</p> <p>Keywords: lifestyle, swimwear, female, adult 20s, tan, beach, horizontal, lifestyle, people</p> <p>Status: Active</p> <p>Active Copies: 29</p> <p>PS: BILL ALEXANDER</p> <p>Ref: PEO-0740</p> <p>403</p>	<p>BAL-00000002-013</p> <p>07-Sep-1993</p> <p>Similar Id: 70168</p> <p>Blond girl in pink/black leotard standing in pool</p> <p>Keywords: sport, fitness, health, exercise, youth, water, pool, adult 20s, beach, lifestyle, people</p> <p>Status: Active</p> <p>Active Copies: 28</p> <p>PS: BILL ALEXANDER</p> <p>Ref: SPO-0640</p> <p>405</p>	<p>CAS-00000013-001</p> <p>28-May-1992</p> <p>Similar Id: 27425</p> <p>Native woman in beads and headress, PNG</p> <p>Keywords: Pacific, traditional, custom, culture, Papua New Guinea, adults, travel, people</p> <p>Status: Active</p> <p>Active Copies: 2</p> <p>PS: CATHERINE SECULA</p> <p>Ref: PAC-0470</p> <p>406</p>	<p>BAL-00000003-003</p> <p>07-Sep-1993</p> <p>Similar Id: 70205</p> <p>Swimmer in water by pool edge</p> <p>Keywords: towel, male, blonde, swimming, towel, tan, ripples, horizontal, female, adult 20s, lifestyle, people</p> <p>Status: Active</p> <p>Active Copies: 28</p> <p>PS: BILL ALEXANDER</p> <p>Ref: PEO-0850</p> <p>404</p>

Fig. 28

30/57

Catalogue		Photo Ref. Number		Branch		Photographic Source	
BAL		00000003		Sydney		Date Created	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/>		Photographer Credit (*)		<input type="text" value="GENE FELDMAN/SPL, DR"/>	
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<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/>					

31/57

1	Your Location *	Outside Australia	
2	Keywords *	people	none ▼
3	Subject(s)—to select more than one subject, hold down the Ctrl key and click on the (appropriate subject) 5 subjects max.	ENVIRONMENT FOOD HISTORIC INDUSTRY MEDICAL LIFESTYLE	
4	Country of use—To select more than one country, hold down the Ctrl key and click on the appropriate countries	No items selected WORLDWIDE AUSTRALIA UNITED STATES AFGHANISTAN ALBANIA	
5	Industry of use—There are two levels for each industry. Make sure you select from both the first and second levels.	Accommodation and Food Services No items selected ACCOMMODATION, HOTELS FOOD SERVICES, RESTAURANTS AND DRINKING	
6	Results format	10 ▼	per page
		<input checked="" type="radio"/> Display text & images <input type="radio"/> Display text only	
		<< back to quick search clear search	

Internet Search—note country/industry filters





408

Fig. 30

32/57

1 2 3 4 5 >

Your search returned 87 matches.

 <p>Image: PLA-0000111-007</p> <p>Close-up of smiling young woman in purple bikini, walking on beach</p>	 <p>Image: PLA-00001113-006</p> <p>Young woman catching breath after jogging on beach, woman jogging in b/g</p>
 <p>Image: PLA-00001115-005</p> <p>Portrait of two young women walking on beach, dressed only in white shirts</p>	 <p>Image: PLA-00001115-011</p> <p>Two laughing young women walking on beach, dressed only in white shirts</p>

Search Results Intranet - excludes restricted images

Fig. 31

33/57

Submission Edit-ID: 1 - Customer Name:									
Customer Code [ACP 1304]		Customer Name		Quote No. N/A		Submission No. 1			
Customer Type Domestic		Credit Conditions [X] PROBLEM CLIENT NOTES		Trading Status Active		Financial Terms 30 Days		Credit Limit 5,000	
City/Suburb Sydney		State NSW		Country Australia		Post/Zip 2000		Phone Fax	
Street		Images		Usage		Rights		Fees	
Book		Contacts		PRN-Slm-Copy		Main Subject		File Code	
Details		Row		Description		Notes		Status	
[X] 1.		ACQ-00000003-002		Houses of Parliament with Big Ben, bus & flower ga		ENG:LONDON:BIG BEN			
[X] 2.		BBW-00000481-001		Warotah Trelpea speciosissima)		TREES:SHRUBS:NATIVE: WARATAH			
[X] 3.		JBI-00000130-001-001		Boy riding a traffic patrol tricycle on a city str		CHILDREN:PLAYING:OUTDOORS		Returned: 25-01-2001 Rights clearance needed	
Add Images									
Authorization not required - managerial or Approval Status Found This is not an invoice.									
Retrieve Usage		Print		Save		Invoice		Delete	
Totals: 3,620.50				GST Exc.		Gst		GST Inc.	
3,982.55									

Order record with images shown attached

414

Fig. 32

34/57

Submission Edit-ID: 1- Customer Name:									
Customer Code ACP 1304	Customer Name			Quote No. N/A	Submission No. 1				
Customer Type Domestic	<input checked="" type="checkbox"/> Credit Conditions PROBLEM CLIENT	Trading Status Active	Financial Terms 30 Days	Credit Limit 5,000	GST Rate Code C-		Current Rate		
Customer Street	City/Suburb Sydney	State NSW	Post/Zip 2000	Phone	Fax				
Details		Book	Contacts	Images	Usage	Rights	Fees	Notes	Adj
		Usage Parameters		Related	Notes	%	Adj	GST	Exc.
		Media		Authorize	Despatch	Confirmation			
				100k: FP ins: 1 use: No reuse disc	0	1,120.00	112.00	1,232.00	(per image)
				2. Internet/WWW site 1. Image: within site: 1/2 screen; Consumer: 6 mth; No reuse disc	0	187.50	18.75	206.25	(per image)
				3. A4 brochure 50k: FP ins: 1 use: No reuse disc	0	896.00	89.60	985.60	(per image)
				4. A4 brochure 30k: FP ins: 1 use: No reuse disc	0	784.00	78.40	862.40	(per image)
Add New Media									
Authorization not required - managerial or Approval Status Found This is not an invoice.									
Retrieve Usage				Print		Save		Delete	
				GST Exc.		Gst		GST Inc.	
				Totals:		3,620.50		3,982.55	

Order record with usages (licence parameters) shown attached
 Fig. 33

415

35/57

Submission Edit-ID: 1- Customer Name:																				
Customer Code ACP 1304	Customer Name			Quote No. N/A	Submission No. 1															
Customer Type Domestic	<input checked="" type="checkbox"/> Credit Conditions PROBLEM CLIENT NOTES	Trading Status Active	Financial Terms 30 Days	Credit Limit 5,000	GST Rate Code C-	Current Rate														
Customer Street	City/Suburb Sydney	State NSW	Country Australia	Post/Zip 2000	Phone	Fax														
<table border="1"> <tr> <td>Details</td> <td>Book</td> <td>Contacts</td> <td>Images</td> <td>Usage</td> <td>Rights</td> <td>Fees</td> <td>Notes</td> <td>Authorize</td> <td>Despatch</td> <td>Confirmation</td> </tr> </table>										Details	Book	Contacts	Images	Usage	Rights	Fees	Notes	Authorize	Despatch	Confirmation
Details	Book	Contacts	Images	Usage	Rights	Fees	Notes	Authorize	Despatch	Confirmation										
<div style="display: flex; justify-content: space-between;"> <div> <p>Select Parent Media Type</p> <p>Select Child Media Type</p> </div> <div> <p>Advertising (incl. press)</p> <p>Airport poster</p> <p>Billboard</p> <p>Bus (back or side)</p> <p>Bus (internal)</p> <p>Cinema commercial</p> <p>Directory</p> <p>Items/WWW site</p> <p>Magazine</p> <p>Metrolite</p> <p>Newspaper</p> <p>Select</p> </div> </div>																				
<div style="display: flex; justify-content: space-between;"> <div> <p>Add New Media</p> </div> <div> <p>Authorization not required - managerial or Approval Status Found</p> <p>This is not on invoice.</p> </div> <div> <p>GST Exc.</p> <p>Gst</p> <p>GST Inc.</p> <p>Totals: 3,620.50 362.05 3,982.55</p> </div> </div>																				
<div style="display: flex; justify-content: space-between;"> <div> <p>Retrieve Usage</p> <p>Print</p> </div> <div> <p>Save</p> <p>Invoice</p> <p>Delete</p> </div> </div>																				

Order record showing addition of new media/usage

416

Fig. 34

36/57

Submission Edit-ID: 1- Customer Name:										
Customer Code ACP 1304	Customer Name			Quote No. N/A	Submission No. 1					
Customer Type Domestic	<input checked="" type="checkbox"/> Credit Conditions PROBLEM CLIENT NOTES	Trading Status Active	Financial Terms 30 Days	Credit Limit 5,000	GST Rate Code C- Current Rate					
Customer Street	City/Suburb Sydney	State NSW	Country Australia	Post/Zip 2000	Phone	Fax				
Details	Book	Contacts	Images	Usage	Rights	Fees	Notes	Authorize	Despatch	Confirmation
Parent Media Type Child Media Type Please select number of sites/posters Please select campaign length Reuse discount Select start date and end period Industries of use Countries of use Medis Markup(+) / Markdown(-) adjustment Please enter media notes (image codes etc.) GST Rate Code										
Advertising (incl. press) Child Media Type 1-4 sites <input type="checkbox"/> 5 <input type="checkbox"/> 6 months <input type="checkbox"/> 12 months No discount <input type="checkbox"/> 5 <input type="checkbox"/> Apr <input type="checkbox"/> 2001 <input type="checkbox"/> - 3 Months <input type="checkbox"/> Insurance Carriers: Accommodation, Hotels Australia: United States 0 <input type="checkbox"/> % C-Current Rate <input type="checkbox"/>										
Add New Media Authorization not required - managerial or Approval Status Found This is not an invoice.										
Retrieve Usage <input type="button"/> Print <input type="button"/>										
Totals: 3,620.50 362.05 3,982.55 Save <input type="button"/> Invoice <input type="button"/> Delete <input type="button"/>										

Order record showing media/usage parameters (dynamic pricing)

417

Fig. 35

37/57

Submission Edit-ID: 1- Customer Name:											
Customer Code ACP 1304	Customer Name			Quote No. N/A	Submission No. 1						
Customer Type Domestic	<input checked="" type="checkbox"/> Credit Conditions PROBLEM CLIENT NOTES	Trading Status Active	Financial Terms 30 Days	Credit Limit 5,000	GST Rate Code C- Current Rate						
Customer Street	City/Suburb Sydney	State NSW	Country Australia	Post/Zip 2000	Phone	Fax					
Details		Book	Contacts	Images	Usage	Rights	Fees	Notes	Authorize	Despatch	Confirmation
Select Countries of Use											
<div> <div>Worldwide</div> <div>Australia</div> <div>United States</div> <div>Afghanistan</div> <div>Albania</div> <div>Algeria</div> </div> <div>add del</div>											
<div> <div>Australia: United States</div> </div> <div>add del</div>											
		<div> <div>-No items selected-</div> </div> <div>add del</div>									
		<div> <div>Insurance Carriers: Accommodation, Hotels</div> </div> <div>add del</div>									
		<div> <div>Apply</div> </div>									
Authorization not required - managerial or Approval Status Found This is not an invoice.											
Retrieve Usage		Print		Save		Invoice		Delete			
				Totals: 3,620.50 362.05 3,982.55		GST Exc.		GST Inc.			

Intranet Order showing rights selection (defines image availability)

Fig. 36

418

38/57

Submission Edit-ID: 1- Customer Name:																																																																																																												
Customer Code ACP 1304	Customer Name			Quote No. N/A	Submission No. 1																																																																																																							
Customer Type Domestic	<input checked="" type="checkbox"/> Credit Conditions PROBLEM CLIENT NOTES	Trading Status Active	Financial Terms 30 Days	Credit Limit 5,000	GST Rate Code C- Current Rate																																																																																																							
Customer Street	City/Suburb Sydney	State NSW	Country Australia	Post/Zip 2000	Phone	Fax																																																																																																						
<table border="1"> <thead> <tr> <th>Details</th> <th>Book</th> <th>Contacts</th> <th>Images</th> <th>Usage</th> <th>Rights</th> <th>Fees</th> <th>Notes</th> <th>Authorize</th> <th>Despatch</th> <th>Confirm</th> </tr> </thead> <tbody> <tr> <td colspan="11">Media 5. Billboard 1-4 sites: 3mths: No reuse disc</td> </tr> <tr> <td colspan="11">Media 5. Billboard 1-4 sites: 3mths: No reuse disc</td> </tr> <tr> <td colspan="11">Part of this Media PRN- Similar</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td></td> <td></td> <td>ACO-00000003-002</td> <td></td> <td></td> <td></td> <td>Houses of parliament with Big Ben, bus & flower ga</td> <td></td> <td></td> <td>Main Subject File Code ENG: LONDON: BIG BEN</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> <td></td> <td>BBW-00000481-001</td> <td></td> <td></td> <td></td> <td>Waraton (Telopea speciosissima)</td> <td></td> <td></td> <td>TREES: SHRUBS: NATIVE: WARATAH</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> <td></td> <td>JB1-00000130-001</td> <td></td> <td></td> <td></td> <td>Boy riding a traffic patrol tricycle on a city st</td> <td></td> <td></td> <td>CHILDREN PLAYING OUTDOORS</td> </tr> <tr> <td><input type="checkbox"/></td> <td></td> <td></td> <td>KIB-00000026-001</td> <td></td> <td></td> <td></td> <td>White cat in a basket with ribbons</td> <td></td> <td></td> <td>CATS</td> </tr> <tr> <td colspan="10"></td> <td><input type="button" value="Save"/></td> </tr> </tbody> </table>										Details	Book	Contacts	Images	Usage	Rights	Fees	Notes	Authorize	Despatch	Confirm	Media 5. Billboard 1-4 sites: 3mths: No reuse disc											Media 5. Billboard 1-4 sites: 3mths: No reuse disc											Part of this Media PRN- Similar											<input checked="" type="checkbox"/>			ACO-00000003-002				Houses of parliament with Big Ben, bus & flower ga			Main Subject File Code ENG: LONDON: BIG BEN	<input type="checkbox"/>			BBW-00000481-001				Waraton (Telopea speciosissima)			TREES: SHRUBS: NATIVE: WARATAH	<input type="checkbox"/>			JB1-00000130-001				Boy riding a traffic patrol tricycle on a city st			CHILDREN PLAYING OUTDOORS	<input type="checkbox"/>			KIB-00000026-001				White cat in a basket with ribbons			CATS											<input type="button" value="Save"/>
Details	Book	Contacts	Images	Usage	Rights	Fees	Notes	Authorize	Despatch	Confirm																																																																																																		
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Authorization not required - managerial or Approval Status Found This is not on invoice.										GST Exc. GST GST Inc. Totals: 3,620.50 362.05 3,982.55																																																																																																		
<input type="button" value="Retrieve Usage"/>		<input type="button" value="Print"/>		<input type="button" value="Save"/>		<input type="button" value="Invoice"/>		<input type="button" value="Delete"/>																																																																																																				

intranet Order - Displaying linking of images with usages (defines final licence parameters/pricing)
419

Fig. 37

39/57

[action](#) [current order](#) [previous purchase](#)

You are ready to purchase your images now. Make sure you have created a licence for the image (click on the order icon next to image or added an existing price from a job bag or previous purchase).

Account purchases (via the "commit code") are only available to selected customers. contact your account executive if you would like to enquire about this service.

Click on "checkout" below to go to the confirmation screen. Then you can confirm your purchase, agree to the licence terms and the purchase is complete. It's that simple! You will then be presented with the four options of file sizes to download.




Image: PLA-00001115-011

Two laughing young women walking on beach, dressed only in white shirts.

Credit Card Details

Credit Card Type: VISA

Credit Card Name:

Credit Card Number:

420

Internet Order with image attached from search

Fig. 38

40/57

1	<div>Create a New Licence</div> <div>Select media category where image will be used.*</div> <div>Select specific media</div>	Advertising (incl. press) ▼	<div> <div>Airport poster</div> <div>Billboard</div> <div>Bus (back or side)</div> <div>Bus (internal)</div> <div>Cinema commercial</div> <div>Directory</div> <div>Internet/WWW site</div> <div>Magazine</div> <div>Metrolite</div> <div>Newspaper</div> </div> <div>next</div>
2	Select a licence from a Job Bag	bens test ecommerce ▼	select
3	Select a licence from a previous order	Order ID: 8 Date 16-MAR-01 Invoice Total: 45 ▼	select

Internet media/usage builder (dynamic pricing)

421

Fig. 39

41/57

1	Select media category where the image will be use.*	Advertising (incl. press)
2	Select specific medio.*	Billboard
3	Please select number of sites/posters	1-4 sites ▼
4	Please select campaign length	<input checked="" type="radio"/> 3 months <input type="radio"/> 6 months <input type="radio"/> 12 months
5	Select start date and end period	5 ▼ Apr ▼ 2001 ▼ 3 months ▼
6	Select industries of use.*	<div>Accommodation and Food Services ▼</div> <div>Accommodation, Hotels</div> <div>Food Services, Restaurants and Drinking Places</div>
7	Select countries of use.*	<div>Worldwide</div> <div>Austrolio</div> <div>United States</div> <div>Afghanistan</div> <div>Albania</div> <div>▲</div> <div>▼</div>

calculate

All prices are quoted in Australian dollars (AUD\$) including GST where applicable

422

Fig. 40

Substitute Sheet
(Rule 26) RO/AU

42/57

You are ready to purchase your images now. Make sure you have created a licence for the image (click on the order icon next to image or added on existing price from a job bag or previous purchase).

Account purchases (via the "commit code") are only available to selected customers. contact your account executive if you would like to enquire about this service.

Click on "checkout" below to go to the confirmation screen. Then you can confirm your purchase, agree to the licence terms and the purchase is complete. It's that simple! You will then be presented with the four options of file sizes to download.

<div> </div> <div>Image: PLA-00001115-011</div> <div> </div>	<div> </div> <div> Licence No. 207 Advertising (incl. press); Billboard 05-Apr-2001 - 3 months AUD \$640.00 </div>
---	--

Internet order (not fulfilled) with licence attached

423

Fig. 41

43/57

Fig. 42

Customer Details	
Customer Name:	Ben Spencer
Company:	Photolibrory.com
Address:	Level 5 54 Miller street North Sydney 2119, NSW Spain
Credit Card Details	
Credit Card Type:	VISA
Credit Card Name:	test
Credit Card Number:	4242424242
Expiry Date:	02/04
Image No.	Item Type Description
PLA-0000115-011	Licence Two young women walking on beach, dressed only in white shirts Advertising (incl. press), Billboard 05-APR-01 - 3 months Countries of Use: Australia Industries of Use: Accommodation, Hotels
	640.00
Total: AUD \$640.00	
<input checked="" type="checkbox"/> Email a copy of this invoice to: <input type="text" value="ben.spencer@photolibrory.com"/>	
<input type="button" value="cancel"/> <input type="button" value="confirm"/>	

424

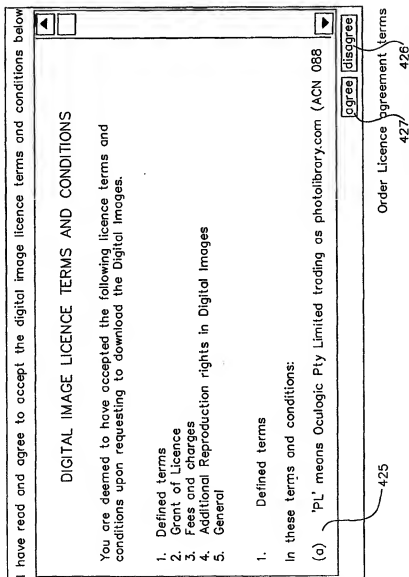


Fig. 43

45/57

In the box containing the image thumbnail, choose one of the four file size options to download by clicking on it. When the image has finished downloading right click on the image and select Save Target As...

OR

Right click on the link for the file size you wish to download and select Save Target as....

Your image will be available on the website for as long as the licence lasts.

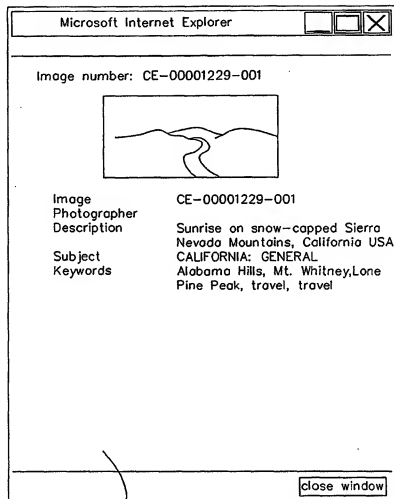
429

428

Internet order purchase completed with hi res download buttons

Fig. 44

46/57



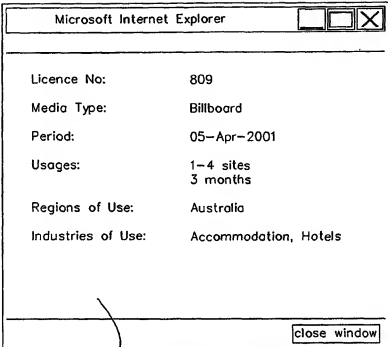
Internet Image Details Display

431

Fig. 45

Substitute Sheet
(Rule 26) RO/AU

47/57



A screenshot of a Microsoft Internet Explorer browser window. The title bar reads "Microsoft Internet Explorer". The main content area displays the following information:

Licence No:	809
Media Type:	Billboard
Period:	05-Apr-2001
Usages:	1-4 sites 3 months
Regions of Use:	Australia
Industries of Use:	Accommodation, Hotels

At the bottom right of the window is a button labeled "close window". A curved line points from the text "Fulfilled Order showing licence details" and "431" to the bottom of the window frame.

Fulfilled Order showing licence details

431

Fig. 46

48/57

1	Personal Details		
	Title	Mr.	▼
	First Name: *		
	Last Name: *		
	Type of Business	None	▼
	Company name: *	Photography	
	Job Title		
2	Security Details		
	Login: * (min 6)		
	Password: * (min 6)	*****	
	Confirm Password: *	*****	
3	Address Details		
	Street Line 1: *	Level 11	
	Street Line 2: *	54 Miller Street	
	Suburb: *	North Sydney	
	State: *	NSW	
	Post Code: *	2070	
	Country	Australia	
	Phone: *	+61 ▼	02 9929 8511
		Country Code	Area Code Number
	Fax: *	+61 ▼	
		Country Code	Area Code Number
	Mobile/Cell Phone:		
	Email: *		
4	Credit Card Details		
	Credit Card Type:	VISA	▼
	Credit Card Name:		
	Credit Card Number:		
	Expiry Date:	Month ▼	Year ▼

Internet customer record – displays country selection update

431

Fig. 47

Substitute Sheet
(Rule 26) RO/AU

49/57

Crystal Reports Service Manager	
The Crystal Web Page Server is currently started	
<div style="border: 1px solid black; padding: 2px; display: inline-block;">stop</div>	

Finance Bank Transfer Summary Credit Note Summary Credit Note Credit Summary Credit Sales Invoiced Sales Receipted Sales Letter of Demand Pre GST Receipted Sales Advice Purchase Order Purchase Orders Summary Receipted Sales Advice Receipts Summary Withholding Tax Summary	Finance Bank Transfer Summary Credit Note Summary Credit Note Credit Summary Mailing List Generator zzzMailing List Generator
Production Changed Copy Status Listing Filing Code Listing Image Withdrawals Photographic Source Details Photographic Source Listing Photographs List by Subject File Code Subject Filing Codes by SFC Name Top Selling Images Top Selling Photographs Transparency Listing Wanted Shots X Reference Listing for Catalogues	Sales Daily Invoice Despatch Summary Despatch Credit Sales Invoiced Sales Receipted Sales Invoiced Sales Report New Customer Accounts by Date New Customer Accounts Outstanding Transparency Details Outstanding Transparency Summary Outstanding Transparency Photographic Source Sales History Photographic Source Sales History

432

Fig. 48

50/57

Report Name: Received Sales Advice

1 of 106

PHOTOLIBRARY.COM PTY LTD

Recipient: Sales Advice

Recipient: PHOTOLIBRARY.COM PTY LIMITED

Level 111, 54 Miller Street

North Sydney NSW 2060

Phone: (+61) 2 9929 0511

Fax: (+61) 2 9923 2319

Period Start

Period Ending

Payment Period

Photographer Code

Method of Payment

Withholding Tax No.

Invoice #	Photographer Ref.	Library Ref.	Rest Type	Media Description	Industry Description	Country	Invoice Start
59012	SCAT8569-4	0011015.002	NA	A5 or DL Brochure	Cable Networks and Program Distribution	Australia	29/8/2000 29/8/2000
59034	Y75-33607	0016958.001	NA	Internet/ WWW site	Banking Activities: Lending Activities	Australia	31/8/2000 30/8/2000
59581	4CAT6249-4	0006178.001	NA	Magazine -Inside	Specialized Design Services	Australia	31/9/2000 01/8/2000
60020	SCAT1053-4	0010706.001	NA	Magazine	Newspaper, Magazine, Book & Database Publishers	Australia	30/1/2000 30/1/2000
60250	3CAT2939	0001176.001	NA	Newspaper	Newspaper, Magazine, Book & Database Publishers	Australia	14/1/2000 14/1/2000

Intranet Photo Sales Report- (left) - shows generated commissions

Fig. 49

51/57

Report Name: Received Sales Advice

1 of 106 [X] 100% [X]

PHOTOLIBRARY.COM PTY LTD
 Recipient Sales Advice
 Recipient: PHOTOLIBRARY.COM PTY LIMITED
 Level 111, 54 Miller Street
 North Sydney NSW 2060
 Phone: (+61) 2 9929 0511
 Fax: (+61) 2 9923 2319

Rest	Media	Industry	Description	Country	Invoice	Start	Period Start	Period Ending	Payment Period	Photographer Code	Method of Payment	Withholding Tax No.	Expiry	Inviced Comm'n
.002	NA	A5 or DL	Cable Networks and Program Distribution	Australia	29/8/2000	29/8/2000	30/8/2000	551.00	330.60		01/3/2001	Quarterly		
.001	NA	Internet/ WWW site	Banking Activities: Lending Activities	Australia	31/8/2000	30/8/2000	29/8/2000	250.00	150.00		01/4/2001	Quarterly		
.001	NA	Magazine	Specialized Design Services	Australia	31/9/2000	01/8/2000	01/9/2000	590.00	354.00		Transfer			
.001	NA	Magazine -inside	Newspaper, Magazine, Book & Database Publishers	Australia	30/1/2000	30/1/2000	31/1/2000	290.00	174.00					
.001	NA	Newspaper	Newspaper, Magazine, Book & Database Publishers	Australia	14/1/2000	14/1/2000	14/1/2000	299.00	179.00					

Intranet Photo Sales Report - (right)

Fig. 50

434

52/57



Photographic Source Record: ID: 4093 Name Alain Evrard									
Source Code		Source Name							
Street		City/Suburb		State		Country		Post/Zip	
<div> <div></div> <div></div> <div></div> </div>									
General	Financial	Contracts	Restrictions	Photographers	Contact	Delivery	Catalogues	Notes	
Contract No.		Contract Name		Contract Type		Start Date		End Date	
5725		Non-Nexus Supply		25-09-1998		25-09-2002		50%	
Contract created by- and was created on 17/04/91									

Intranet Distributors- Displaying Contract Parameters (Sync Pay Calculations)

Fig. 51

435

53/57

Photographic Source Record: ID: 4093 Name Alain Eward																								
Source Code		Source Name																						
																								
Street	City/Suburb	State	Country	Post/Zip																				
General	Financial	Contracts	Restrictions	Photographers	Contact	Delivery	Catalogues	Notes																
<p>Contract Parameters for contract no. 5725</p> <table border="1"> <tr> <td>Media</td> <td>Industry</td> <td>Region of Invoice</td> <td>Region of Use</td> <td>Exclusive</td> </tr> <tr> <td>All Medias</td> <td>All Industries</td> <td>Australia</td> <td>Australia</td> <td>No</td> </tr> <tr> <td>All Medias</td> <td>All Industries</td> <td>New Zealand</td> <td>New Zealand</td> <td>No</td> </tr> </table> <p>Back</p>										Media	Industry	Region of Invoice	Region of Use	Exclusive	All Medias	All Industries	Australia	Australia	No	All Medias	All Industries	New Zealand	New Zealand	No
Media	Industry	Region of Invoice	Region of Use	Exclusive																				
All Medias	All Industries	Australia	Australia	No																				
All Medias	All Industries	New Zealand	New Zealand	No																				

Intranet - Photographic Source - Contract Parameters

436

Fig. 52

Distributors Edit		General		Financial		Contracts		Business		Contact		Delivery		Notes	
Distributor Code(*)		Distributor Name(*)		Contract No.		Contract Name		Contract Type		Start Date		End Date		Percentage	
[]		[]		6167		Non-Nexus Supply		40%		02-04-2001		02-04-2006		40%	
Street(*)		City/Suburb(*)		State(*)		Country(*)		Post/Zip(*)							
[]		[]		[]		[]		[]		[]		[]		[]	
[]		[]		[]		[]		[]		[]		[]		[]	

Contract created by- and was created on 05/01/96

Save


Intranet Distributors- Displaying Contract Parameters (Sync Pay Calculations)

Fig. 53

Substitute Sheet
(Rule 26) RO, AU


55/57

Catalogues series Record: PRN: AGE-00000001

Photo Ref. Number 

Branch Sydney

Photographic Source

Photographer Credit(*) 

Date Created

Similar	Censorship	Availability	Restrictions	Reservations	Notes
Sub. #	Type	Industry	Media	Region of Invoice	From To
	Photo Graphic Source	all		New Zealand	16/03/2001 16/03/2001
Restrictions created by Nick Green and was created on 16/03/2001					
	Photo Graphic Source	all		Australia	16/03/2001 16/03/2001
Restrictions created by Nick Green and was created on 16/03/2001					

Fig. 54

56/57

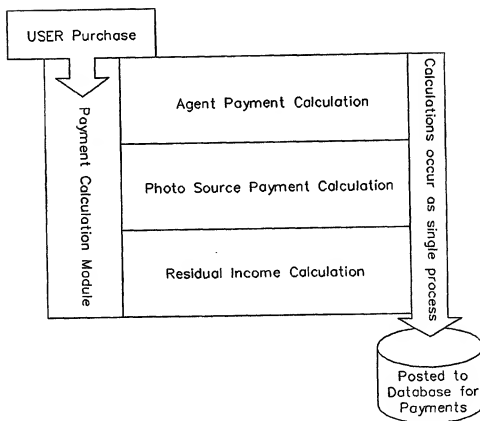
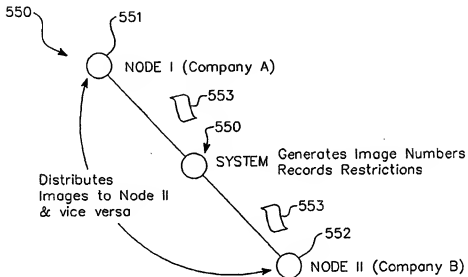
Parallel Payment Calculations
DIAGRAM

Fig. 55

57/57

DISTRIBUTED REAL TIME RESTRICTION CONTROL SYSTEM



NODE II CAN IN RETURN
SUPPLY IMAGERY TO
NODE I WHICH WILL
ALSO BE AVAILABLE
FOR RESTRICTION CONTROL

IF NODE II SELLS AN
IMAGE, A RECORD IS
GENERATED IN SYSTEM
WHICH RESTRICTS THE
IMAGE FROM USE

NODE I WILL NOT BE
ABLE TO SELL THIS
IMAGE FOR THE SAME
USE: HENCE RESTRICTION
CONTROL.

Fig. 56

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU01/00455

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : G06F 17/60		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT, USPTO (KEYWORDS): LICENC+, COPYRIGHT+, ROYALT+, DIGITAL RIGHTS? ...		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 6119108 A, (HOLMES et al) 12 September 2000 See whole document	1-7,10-12,28-34, 36-40
X	EP 696121 A1, (AT&T CORP.) 7 February 1996 See whole document	1-7,10-12,28-34, 36-40
A	WO 99/31602 A (SUN MICROSYSTEMS, INC) 24 June 1999 See whole document	
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search. 16 July 2001		Date of mailing of the international search report 19 July 2001
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer Stephen Lee Telephone No : (02) 6283 2205

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU01/00455

Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos :
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos :
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos :
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Claims 1-56 relating to a method and system for payment of royalties and
Claim 57 for a real time restriction system

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/AU01/00455

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member		
US	6119108	NONE			
EP	696121	CA	2150058	JP	8095915
				US	6041316
WO	9931602	AU	18062/99	US	5987429
END OF ANNEX					